

Hydrologic Technical Workgroup Meeting January 31, 2008

Draft Key Questions

Inflows

- What are the current quantity, quality, and trend of inflows to the Salton Sea?
- What is the spatial and seasonal pattern in the quality and quantity of inflows to the Salton Sea?
- Do existing gages provide sufficient spatial and temporal representation of inflows to the Salton Sea?
- What activities in the watershed are affecting the quality and quantity of inflows to the Salton Sea?

Water Quality and Sediment Quality

- What are the key water and sediment quality parameters necessary to characterize baseline and future habitat quality and function at the Salton Sea?
- What are the key water quality and sediment parameters necessary to assess baseline and future ecological risk at the Salton Sea?
- What are the key water quality and sediment parameters necessary to characterize eutrophic conditions of the Salton Sea?
- How are important water quality parameters cycled in the Salton Sea?
- How does water depth affect temperature stratification?
- What locations would be adequate to characterize baseline conditions and future conditions at the Salton Sea?
- What frequency of monitoring would be adequate to characterize baseline conditions and monitor future conditions at the Salton Sea?
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Groundwater

- What is the relationship between groundwater levels and elevation of the Salton Sea?
- How is water quality affected by groundwater levels and elevation of the Salton Sea?

- What are the trends in groundwater conditions affecting the Salton Sea over time?
- What is the relationship between groundwater levels and formation of salts at the surface of exposed playa?